

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFF & BERRIDGE, PLC  
 P.O. Box 19928  
 Alexandria, Virginia 22320  
 Telephone: (703) 836-6400  
 Facsimile: (703) 836-2787

Attorney Docket No.: 109182

Date: April 30, 2001

## BOX PATENT APPLICATION

Customer Number: 25944

NONPROVISIONAL APPLICATION TRANSMITTAL  
RULE §1.53(b)

Director of the U.S. Patent and Trademark Office  
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title): METHOD FOR FORMING BUMP, SEMICONDUCTOR DEVICE AND METHOD FOR  
 MAKING THE SAME, CIRCUIT BOARD, AND ELECTRONIC DEVICE

By (Inventors): Kazunori SAKURAI, Tsutomu OTA, Fumiaki MATSUSHIMA, Akira MAKABE

- ☒ Formal drawings (Figs. 1-25; 22 sheets) are attached.  
☐ Use Figure \_\_\_\_\_ for front page of Publication.  
☐ A Declaration and Power of Attorney is filed herewith.  
☒ This patent application is assigned to SEIKO EPSON CORPORATION.  
☐ The executed Assignment is filed herewith.  
☐ An Information Disclosure Statement is filed herewith.  
☐ Entitlement to small entity status is hereby asserted.  
☐ A Preliminary Amendment is filed herewith.  
☐ Please amend the specification by inserting before the first line the sentence --This nonprovisional application claims the benefit of U.S. Provisional Application No. \_\_\_\_\_, filed \_\_\_\_\_.--  
☒ Priority of foreign applications No. 2000-132172 filed May 1, 2000 in Japan, No. 2000-272595 filed September 8, 2000 in Japan and No. 2001-044824 filed February 21, 2001 in Japan is claimed (35 U.S.C. §119).  
☐ A certified copy of the above corresponding foreign application(s) is filed herewith.  
☐ This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.  
☒ The filing fee is calculated below:

CLAIMS IN THE APPLICATION AFTER ENTRY OF  
ANY PRELIMINARY AMENDMENT NOTED ABOVE

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	32 - 20	= 12 *
INDEP CLAIMS	4 - 3	= 1 *
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

\* If the difference is less than zero, enter "0".

## SMALL ENTITY

RATE	FEE
	\$ 355
x 9 =	\$
x 40 =	\$
+ 135 =	\$
TOTAL	\$

OR

OR

OR

OR

OR

OR

OTHER THAN A  
SMALL ENTITY

RATE	FEE
	\$ 710
x 18	\$ 216
x 80	\$ 80
+ 270	\$
TOTAL	\$ 1006

- ☒ Check No. 118596 in the amount of \$1006.00 to cover the filing fee is attached. Except as otherwise noted herein, the Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

James A. Oliff

Registration No. 27,075

Eric D. Morehouse

Registration No. 38,565